

Very Simple Method Obtaining Sulphur, Selenium, Tellurium,
Phosphorus in the Colloidal State, by P. O. von Veinun,
I. A. Maluynev, 4 pp.

RUSSIAN, per, Zhur Russkoe Fiz Khim Obshch, Vol XLII,
1911, pp 484-487.

CIA/PID XI-249

NOT RELEASABLE TO FOREIGN NATIONALS

Sci - Chemistry
Feb 1957 CTS/dex
AC INTERNAL USE ONLY

44, 192

JOHANNSSON, A.
VON WACHENFELD, E.

Jernkontorets Annaler, vol. 113, 23 figures,
4 tables, 136000 words; 1929

Annealing of steel in Protective Gas.

Brutcher, Trans. Order No. 576, \$13.60

A4576

The Volatilisation of Iron (II, III) Oxide,
Manganese (II, III) Oxide and Chromium
(II, III) Oxide, by H. von Wartenberg.

GERMAN, per, Archiv Eisenhüttenwesen, Oct
1959, pp 585-587.

BISI 1554

Sci - Chem

Aug 60

124,033

Laboratory Report on the Investigation of the Flow
Around Two Turbine-Blade Profiles Using the Inter-
ferometer Method, by K. Von Vistinghoff-Scheel

GERMAN, per, ZfB, Deutsche Luftfahrtforschung
Untersuchungen und Mitteilungen, No 2096, 31 May 1944.

S.L.A. Tr Pool

14,353

Scientific - Aeronautics
CTB/DEX

Melting Point Diagrams of Highly Refractory Oxides.
VII. Systems With CuO and FeO., by E. von Hartmann,
H. J. Rensch, E. Saran, 24 pp.

GERMAN, por, Z. Anorg u Allgem Chem, Vol CXXXI.
1937, pp 257-276.

AEC Tr 2532

Sci - Chemistry
Aug 1956 CTS/dex

37483

The Vapor Pressure of Some Salts III, by Von Wartenberg and O. Boese, 9 pp.

Full translation.

~~Wartenberg~~, per, Z. Elektrochem, No 28,
9 Apr 1952, pp 384-387.

AEC Tr 1204

Scientific - Chemistry

4170

Vapour Pressures of Metals, by E. von Wartenberg.

GERMAN, per, Zeit Elektrochemie, Vol XIX, 1913,
pp 482-489.

L.A. TO 172/56
T.I.L./T. 4626

Sci - Minerals/Metals, Chemistry

May 1956

34,460

Pure Silicon, by H. V. Wartenberg, 7 pp.

GERMAN, per, Z Anorg u Allgem Chem, Vol CCLXXXIII,
1956, pp 372-376.

AEC TR 2521

Sci - Chemistry

36,778

Jul 1956

The Vapor Pressure of Some Salts II., by H. von
Wartenberg, F. Schulz.

Full translation.

GERMAN, par, Z. fuer Elektrochem., Vol XXVII, 1921,
pp 569-573.

AEC T- 1332

Scientific - Chemistry, pressure, salts

Aug 52 CTS/DEX

2-10000

The Theory of Adsorption From a Streaming Gas, by
H. von Wartenberg, M. Brezenzinski, 12 pp.
UNCLASSIFIED

GERMAN, per, Zeitschrift fuer tech Physik, Vol XIII,
1932, pp 501-504. *11/1/32*

Sci Def Sci Info Sv
DRE Canada T 30 G

Scientific - Physics

Jan 54 CTS

9162

Silicon, by H. von Wartenberg

GERMAN, per, Zeitschrift für Anorganische und
Allgemeine Chemie, Vol CCLXV, No 4-6, Jul 1951,
pp 186-200.

S.L.A. Tr Pool

Scientific - Chemistry
CTS/DEX

14,356

Distribution and Artificial Transmission of Avian
Malaria, by Von Wasielowski, 22 pp.
GERMAN, per, Archiv Hygiene Bakteriologie (Munich),
Vol 41, 1902, pp 68-84.
NAVY/NMS-1602

May 72

A. The Army Technical Service, by Col Rene 100.
Mattenoy; B. The Material Department of the
Army Service Corps; C. The Material Future of
the Artillery, by Col de Courten, 12 pp.

FRENCH, par, La Nouvelle Revue de Lausanne, Dec
1958, pp 25, 39-41, 59-61.

ID 2117-97

ACSI, H-3519

USur - France

ML1

May 59

88, 194

Permeation of Hydrogen Through Pd-Coated ~~XXXXXX~~
Quartz Glass, by H. Bornert, U. von Heber.

GERMAN, per, Zeitschrift fuer Anorganische und
Allgemeine Chemie, Vol 300C, 1959, pp 81-83.
24990

ABC-XX-TR-457

Sci - Chem

226,847

Apr 63

The History of Die Forming, by E. von Wedel.

WZMA, per, Stahl und Eisen, Oct 1959.

Metal Treatment
Oct 1960
pp 461-463

Sci - Eng

Apr 61

Info taken from MINI List No 91
Supplement II

Theory of the States of Matter, by P. P. von Weimarn,
29 pp.

GERMAN, per, Z Chem und Ind Kolloide, Vol II,
1907-1908, pp 199-208.

AEC Tr-42229

Sci - Chem
19 Jan 61

137,320

Theory on the States of Matter, by P. P. von Weizarn,
18 pp.

GERMAN, per, Z Chem und Ind Kolloide, Vol II,
1907-1908, pp 301-307.

ABC T-4235

Sci - Chem
19 Jan 61

137, 215

Theory ~~and~~ on the States of Matter, by P. P.
von Weizsarn, 22 pp.

~~RESEARCH~~ GERMAN, per, Z Chem und Ind Kolloide,
Vol II, 1907-1908, pp 326-335.

ABC Tr-4236

Sci - Chem
19 Jan 61

137, 316

"Euthanasia" and Human Experiments, by
Baron Victor Von Weizacker, 78 pp., UNCLASSIFIED

GERMAN, pub. by Lambert Schneider, Heidelberg,
1947

NIH

Scientific - Medicine

10,202

A Mica-Like Modification of Silicon Carbydride
(HSiO)_{1.5}x, by Egon Von Wiberg, Walter Simmler, 20 pp
GERMAN, per, Z. fuer Anorg Chem, Vol CCLXXXIII, No 1/2
1956, pp 401-413.

SLA 59-10823

Sci - Chem

Sep 59

Vol 2, No 1

97,256

Calculating the Frequency Dependence of the Magnetic
Resistance Change, by M.J.O. Strutt, F. K. von Willisen,
27 pp.

GERMAN, per, Scientia Electrica, Vol IV, 1960,
pp 153-172. 9228601

AEC-UCRL-Tr-1089 (L)

P 21

Sci-Electr
Jan 65

271,818

Measurements of the Gauss Effect of Various
Semiconductors at 10,300 and 600 Megacycles, by
P. S. Rumer, J. O. Max, Friedrich K. Von Willisen,
18 pp.

GERMAN, per, Archiv der Elektrischen Übertragung,
Vol XI, No 1, 1957, pp 1-7.

SLA 59-10874

Sci - Electronics

Sep 59

Vol II, No 2

98,688

Southwest Arabian Land Forms, Climate, Water
Conditions and Travel Negotiability, by H. von
Wissman, 69 pp. (73 1000 15-)

GERMAN, rpt, Sudvestarabien Landformen, Klima,
Wasserverhältnisse und Wegsamkeit, Nov 1949.

ACSI, G-8684

NE/A - Arabia
Geog

51,904

Aug 57

(FDD 21638)

South-Yunnan, Part of the Southeast Asia Area, by
Hermann Von Wissmann, 47 pp.

WISSMANN, monograph, Schriften Zur Geopolitik,
No 22, Heidelberg, 1943, pp 4-30.

CIA/FDD/U-6225

TS - China

Geographic

Jul 54 CTS 17,317

A New Mass Spectrometer Without a Magnetic Field,
by Paul von Holfgang, Eilert Steinwedel, 6 pp.

GERMAN, per, Z fuer Naturforschung, Vol VIIa,
1953, pp 448-450.

AFC-Tr-5670

Sci - Nuc Sci & Tech
Jul 63

341,547

TT-65-62367

Field 11F, 13K, 7D, 6A

Von Wolszogen, C. A. H.; Vlugt, L. S. van der
GRAPHITIZATION OF CAST IRON AS AN ELECTRO-
BIOCHEMICAL PROCESS IN ANAEROBIC SOILS. Mar 64,
52p, 37refs. ABL-Trans-1021; AD-617 552.
Order from CENI or ETC: HC\$3.00, MF\$0.50
as AD-617 552

Trans. of Water, Tijdschrift voor Drinkwatervoorziening
(Netherlands) vol 116 p147-65 Aug 3 1934.

TT-65-62367

I. Von Wolszogen, C. A. H.
II. Vlugt, L. S. van der
III. ABL-Trans-1021
IV. AD-617 552
V. Army Biological Labs.,
Frederick, Md.

Precision Mass Determinations with the
Electric Mass Filter, by L. von Zahn.
GERMAN, per, Zeit fur Physik, Vol 168,
No 2, 1962, pp 129-142.
CIA C-7028

L. von Zahn

May 69

362,359

Comparison of Aluminum Sand Casting and Chill Mold
Casting, by A. von Zaerleder, 6 p.

GERMAN, per, Giesserei, 1940, Vol XVII, No 1,
pp 12-14.

SLA 59-20440

Sci
Mar 60
Vol 3, No 1

110,964

Emission Spectroanalysis as a Quantitative Series Method. Application to the Analysis of Pure Aluminum, by A. von Zeebeler, F. Rohner, 16 pp.

GERMAN, per, Helvetica Chim Act, Vol XXIII, 1940, pp 1287-1297.

SIA Tr 872/1955

Sci - Phys

50, 137

Jul 57

The Electrolysis of Aluminium Chloride and the Physical
Chemical Properties of Electrolytic Baths, by A. von
Zerleder, 1953, 8 pp.

GERMAN, per, Aluminio, Vol 12, 1953, pp 655-662.

S.L.A. Tr 1422/1956

Sci - Physics
Feb 57 CTS/dax

45,576

The Interim: of Aluminium Alloys, by A. von Engelhardt
Science, part, H. Metallik, Vol 41, No 5, pp 229-231.

1963/113 2 4046

Scientific - Chemistry, Metallurgy
Dr Avila, The Secretary, Ministry of Supply,
1103/2 113 113, Leydown Road, Nottingham, London,
S.8.0

Index Aeronautics

3-75

Studies of the Course of Meiosis in Pseudotsuga
Taxifolia Britton, by Ursula von Zenke.

GERMAN, per, Untersuchungen uber den Ablauf der
Meiosis bei Pseudotsuga Taxifolia Britton.

Dept of Modern Languages
North Carolina State College

Sci

Feb 63

Preparation of Zirconium Metal by Reduction of
Zirconium Tetrachloride With Magnesium, by H. Von
Zeppelin.

GERMAN, per, Metall und Erz, Vol XL, 1943, ~~pp 252-254~~
pp 252-254.

Butcher Tr 3171

Scientific- Minerals/Metals

Price \$1.30

Nov 53 CTS

7272

Expansion of Motor Transport in the Latvian SSR,
by A. Vonda, 7 pp.

RUSSIAN, per, Avtomobil'nyy Transport, No 6,
1962, pp 1-3.

JPRS 16231

USSR
Econ
No 62

219,400

Modern Filtration Method in Petroleum Refineries,
by C. Vonderheide.

GERMAN, no par, Erd Oel und Kohle, Vol IX, No 12,
1956, pp 861-863.

Tech and Comm
\$28.00

Sci- Fuels, petroleum
Aug 57

50,986

CONCENTRATED EFFORTS MUST BE DIRECTED TOWARD
THE MOST IMPORTANT CONSTRUCTION TASKS, BY
BOHUMIL YONDRAČEK, 7 PP.
GOVERNMENT USE ONLY

CZECH, PER, POZENNI STAVBY, VOL X, NO 11,
NOV 1962, PP 555-566.

JPRS 17029

EEUR - CZECH
ECON.
JAN 63

219,126

CNY-0472

The Properties and Use of "Synthesis" Membrane
Filters, by J. Simecek, V. Yondrasek, 13 pp.
CLASS. USE ONLY

OSKOH, part. Ceskoslovenska Higiena, Vol VI, No 1,
Feb 1961, pp 46-54.

JPRS 10108

Cat 61

171/775

Cat 61

From the History of Psychiatry, by V. Ventenak. 20

3 pp.
CZCCH, par, Conduccionista Psiquiatrica, Vol LIX, No 1,
1961, pp 25-26. 9436429
FTB-17-44-60

Sol - Hist & Med Sol
Dec 64

269,772

Studies on Hydroxyamic Acids. 9. Detection and Determination of Formic Acid and Inorganic Formates in Microamounts. Application to Food Products, by O. Guagnini, E. Vonesch.

SPANISH, per, Anales de la Asociacion Quimica Argentina, Vol XLVII, No 1, 1959, pp 41-51.

CSIRO/No 5916

Sol-Chem
Feb 63

222, 5-3

Unknown Letters of Peter Jileminicky and
Edo Urx, by Pavol Vozarej, 12 pp.
GOVERNMENT USE ONLY
SLOVAK, per, Slovenske Pohľady, Vol LXXIX,
No 6, 1963, pp 66-73.
JPRS GUO: 288

EE-Czechos
Soc
May 64

259, 986

The Biological Importance of the pH Optimum
of Digestive Enzymes in Vertebrates, by
H. J. Vock. 30 pp.
GERMAN, per, Ergebn Bionforschung, Vol 8, 1939,
pp 55-90.
Dept of Interior
Bureau of Commercial Fisheries
Office of Foreign Fisheries
A-30-July 1969-No 18
On Loan

Sci-BM
Nov 69

377,249

Vonckenmann, R.
NEW METHODS OF HOT COOLING. [1957] [25]p.
Order from SLA \$2.60 61-16385

Trans. of Stahl und Eisen (West Germany) 1957, v. 77,
(no. 47) p. 1128-1135.

DESCRIPTORS: *Cooling; *Blast furnaces; Open hearth
furnaces; Pusher furnaces; Evaporation; Water.

(Engineering, Mechanical, ET, v. 6, no. 5)

61-16385

1. Title: Hot cooling
2. Author: Vonckenmann, R.

Office of Technical Services

... of Paramagnetic Resonance Absorption
Lines, by E. A. Turov, S. I. Vonsovskiy, 4 pp.

RUSSIAN, per, Izv. Akad. Nauk SSSR, Vol XXIV,
No 4, 1953, pp 501-503.

Morris D. Friedman

Sci - Physics
Mar 59

84,393

**Ferrromagnetic Resonance, by S. V. Vassermukh, 342 pp.
RUSSIAN, bk, Ferrromagnitnyi Resonans, 1961.**

***CNS 64-11019
FL-480**

**Sci
Mar 64**

Statistical Properties of the Electron System of
Ferromagnetic Transition Metals, by S. V. Vonsovskiy,
Y u. A. Isyumov, 18 pp.

RUSSIAN, per, Fiz Metal i Metallov, Vol X, No 3,
1960, pp 321-334.

PP

Sci
Sep 61

165,822

Magnetic Structural Analysis, by S.V. Vonshevskiy.

RUSSIAN, per, Zavod Lab, No 10, 1957, pp 1221-1226.

Primary Sources
SMT-111

Sci - Phys
Jul 61

159,451

Magneto-Optical Phenomena in Ferromagnetics, by
M. S. V. Vonsovskiy, A. V. Sokolov, 13 p.

RUSSIAN, per, Zhurnal Eksperimental'noy i
Teoreticheskoy Fiziki, 1949, Vol XXX, No 8,
pp 703-708.

SLA 59-17155

Sci
Jan 60
Vol 2, No 6

103,739

Certain Problems Connected With the Quantum-Mechanical Theory of Ferromagnetism of Ferrites and Antiferromagnetism. Part II. The Quantum-Mechanical Theory of Ferromagnetic Ferrites, by S. V. Vonsorskiy, Yu. M. Seydov, 6 pp.

Full translation.

RUSSIAN, no per, Iz Ak Nauk SSSR, Ser Fiz, No 3, 1954, pp 319-327. CIA C 37903

Atomic Magnetic Moments of Ferromagnetics, by
S. V. Vonsovskiy, K. B. Vlasov, 27 pp.

RUSSIAN, per, Zhur Eksp. i Teoret. Fiz., Vol XIV,
No 3, (9), 1953, pp 327-340.

S.L.A. Tr R-417

Nuclear
Sci - Physics
Jun 57

48,783

Generalization of the Bogolyubov-Tyablikov
Perturbation Theory Method to the Nonstationary
Case, by S. V. Vonsovskiy, V. I. Cherepanov.

RUSSIAN, per, Zhur Ekspert i Teoret Fiz, Vol XXXIV.
No 1, 1958, pp 97-106.

MIT, Lincoln Lab

Sci - Phys

May 58

63, 948

Susceptibility of Ferromagnetics in the Temperature
Range Above the Curie Point, by K. B. Vlazov,
S. V. Vonsovski, 6 pp.

RUSSIAN, per, Fiz Met i Metall, Vol II, No 3,
1956, pp 403-405.

SLA R-1492

May 58

63,353

Quantum Mechanical Treatment of Ferromagnetism in
Metals of the Transition Groups, by S. V.
Vonsovskiy, 8 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol XXI,
No 6, 1957, pp 854-861.

Columbia Tech

Sci - Physics

74, 423

Oct 58

... on Magnetism at Low Temperatures
(Introduction and Summary of Conference Papers),
by S. V. Vonsovski, 7 pp.

RUSSIAN, bimbo per, Iz Ak Nauk SSSR, Ser Fiz,
Vol XIX, No 4, 1955, pp 387-394.

Columbia Technical 1:

Sci - Physics
Apr 1957 ER CTS

45,607

Avail Br 5 Lib

Some Problems of the Many-Electron Theory of
Semiconductors, by S. V. Vonsovski, 18 pp.

RUSSIAN, per, Zhur Tekh Fiz-~~1955~~, Vol XIV, No 12,
1955, pp 2022-2029.

S.L.A. Tr R-446

Sci - Electronics
May 57

48,754

Excitation Light Absorption Theory, by G. V.
Vonnakovskiy, V. I. Cherepanov, V. S. Galitshev,
5 pp.

RUSSIAN, per, Fiz Metal i Metall, Vol IV, No 2,
1957, pp 205-211.

Pergamon Inst

Sci - Phys

Sep 58

73,093

On the Theory of Exciton Excited States, by V. S.
Celishev, S. V. Vonsovskiy, 18 pp.

RUSSIAN, per, Fiz Metal i Metallov Ak Nauk SSSR
Ural Filial, Vol III, 1956, pp 395-405.

AEC NP 157

Sci - Phys

Dec 58

78,239

To the Multielectron Theory of Semiconductors, I,
by S. V. Vonsovskiy, Ya. P. Erkhin, A. N. Rushnirenko,
E. A. Turov, 19 pp.

RUSSIAN, per, Fiz Met i Metall, Vol XII, No 3, 1986,
pp 385-394.

SLA B-1973

Sci
Jul 58

68,3.23

Hall Effect in Pure Nickel at Helium Temperatures,
by N. V. Volkenshtein, G. V. Fedorov, and B. V.
Vonsovskiy, 3 pp.

RUSSIAN, per, Zhur Zhur 1 Teoret Fiz Vol XXV,
No 1(7), 1958, pp 85-88.

Amer Inst of Phys
Sov Phys-JETP
Vol VIII(35), No 1

Sci - Phys

Feb 59

82,139

On the Superconductivity of a Ferromagnetic With a
Weak Exchange Interaction, by S. V. Vonsovskiy,
M. S. Svirskiy, 6 pp.

RUSSIAN, per, Zhur Eksp. i Teor. Fiz., Vol. XXIV,
No 2(8), 1960, pp 384-392.

AIP
Sov Phys-JETP
Vol XII, No 2

Sci -
Apr 61

146,416

The Possibility of Spontaneous Ionization in a
System of Electrons Interacting in a Crystal,
by M. S. Svirski, S. V. Vonsovskiy, 6 pp.

RUSSIAN, per, Fiz Metal i Metall, Vol IV,
No 4, 1957, pp 392-399.

3

Pergamon Inst

Sci - Phys
Sep 58

73, 975

On the Superfluidity of a System of Polar Bose
Excitations, by S. V. Vonsovskiy, M. S. Svirakiy,
5 pp.

RUSSIAN, per, Zhur Eksp. i Teoret Fiz, Vol XXVI
(9), No 4, 1959, pp 1259-1266.

AIP
Sov Phys - JETP

Nov 59

100,923

Advances of Physical Sciences. Photo Effect in
Metals, by S. V. Vonsovskiy, A. V. Sokolov,
A. Z. Veksler, 102 pp.

RUSSIAN, per, Uspekhi Fiz Nauk, Vol LVI, 1955,
pp 477-530.

AEC UCRL-Tr-556(L)

Sci - Phys
21 Feb 61

140,941

Exchange Interaction of Inner and Outer Electrons in
Transition Metals, by S. V. Vonsovskiy, A. I.
Berdyshev, Yu. A. Izumov, ~~Book~~ 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXII, No 4,
(check number), pp 797-800. 3

AIP
Sov Phys-Dok
Vol V, No 3

Sci

136,490

Jan 61

The Many-Electron Theory of Ionic Crystals, by
S. V. Vonsovskiy, M. Sh. Gitterman, 11 pp.

RUSSIAN, per, Fizika Tverdogo Tela, Vol II,
No 8, 1960, pp 1793-1805.

AIP
Sov Phys- Solid State
Vol II, No 8

Sci

141,833

Mar 61

On the Theory of Superconductivity of Metals, by
S. V. Vonsovskiy, M. S. Svirskiy, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXI, No 2,
1958, pp 269-272.

Amer Inst of Phys
Sov Phys - Doklady
Vol III, No 3

Sci - Phys

Jul 59

92,105

On the Question of the Absence of Super-Conductivity
in Ferrromagnetics, by A. V. Vonsovskiy, M. S.
Stirchik, 7 pp.

RUSSIAN, per, Dok. Ak. Nauk SSSR, Vol CXXII, No 2,
1958, pp 204-207.

SIA 59-12736

Sci

May 59

OTS I, 7

87,452

Vonsovskiy, S. V., Sokolov, A. V., and
Veksler, A. Z.

PHOTO EFFECT IN METALS (Fotoeffekt v
Metallakh). [1960] 156p. (foreign text included)
65 refs.

Order from LC or SLA m\$7.50, ph\$24.30

UCRL Trans-556(L)

Trans. of Uspekhi Fizicheskikh Nauk (USSR) 1955,
v. 56, no. 4, p. 477-530. 7080058

A literature survey is presented. Contributions to-
wards the development of a multielectron theory of
crystals by the following Soviet theorists are
stressed: S. P. Shubin, S. V. Vonsovsky, A. V.
Sokolov, and A. P. Ioffe.

(Physics--Theoretical, TT, v. 5, no. 6)

61-15429

1. Metals--Electrical
properties
2. Field emission
3. Title: Multielectron theory
- I. Vonsovskiy, S. V.
- II. Sokolov, A. V.
- III. Veksler, A. Z.
- IV. UCRL Trans-556(L)
- V. Lawrence Radiation Lab.,
U. of California, Berkeley

Office of Technical Services

Excited States of an Atomic Semiconductor in the
Many-Electron Model, by S. V. Yonakovskiy, A. M.
Kuchnirenko, 8 pp.

RUSSIAN, per. Fiz Metal i Metall, Vol V, No 3,
1957, pp 395-401.

Pergamon Press

Sci

Doc 59

102,151

VONASOVSKIY, S. V. and SVIRSKIY, M. S.
ON THE PERMEABILITY OF A FERROMAG-
NETIC WITH SPIN-EXCHANGE INTERACTION
1961 (1971) 19 refs
UDC 621.372.6.01:621.372.6.01:621.372.6.01

61-14756

Abstract: • Experimental determination of the effect of the spin-exchange interaction on the permeability of a ferromagnetic material. (Author)

DESCRIPTORS: • Permeability. • Ferromagnetic materials. • Electron.

The influence of the spin-exchange on the condition of existence of the magnetic ordering state in a ferromagnetic material is investigated. Critical temperatures and field strengths are discussed. (Author)

(Physica Scripta, 1971, 6, no. 1)

61-14756

I. Vonasovskiy, S. V.
II. Svirskiy, M. S.

Office of Technical Services

On the exchange Interaction of Valency and Inner
Electrons in Crystals (the (s-d) Exchange Model
of the Transition Metals)., by S. V. Vonsovskiy,
K. A. Turov, 13 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol
XXIV, No 4, 1953, pp 419-428.

Sci Mus Lib 55/3411

A.E.R.E. ^{Harwell} 547 31,758

Sci - Physics

The Surface Photoelectric Effect of Ferromagnetic
Substances, by S. V. Vonsovskii, A. V. Sokolov.

Full translation.

76
RUSSIAN, no per, Dok Ak Nauk SSSR, Vol LXXVII, No 1,
USSR, 1952, pp 39-42.

EXX AEC Tr 1510

ATC 47-2-15

Scientific - Physics, photoelectric, ferromagnetic

A-11313

On the Indirect Exchange Interaction, by S. V.
Vonsovskiy, Yu. M. Seiydov, 3 pp.

RUSSIAN, Dok Ak Nauk SSSR, Phys Sec, Vol CVII,
No 1, pp 37-

Amer Inst of Phys
Sov Phys "Doklady"
Vol I, No 2

Sci - Phys

57, 643

Aug 57

Paramagnetic Relaxation in Metals, by S. V.
Vonsovskiy, S. G. Salikhov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol XCVI, No 4,
1954, pp 717-719.

A.E.N.E. Maxwell Lib Tr 643
Sci Mus Lib Tr 56/1795

40,658

Sci - Min/metals

The Quantum Theory of Ferromagnetism, by S. V.
Vonsovskiy, K. B. Vlasov, E. A. Turov, 11 pp

RUSSIAN, bino per, Zhur Eksper i Teoret Fiz, Vol XXIX,
Jul 1955, pp 37-50. CIA C 41569

American Inst of Physics

Scientific - Physics
May 56 CTS/dex

33,554

Excited Problems Relating to the Quantum-
Mechanical Theory of Crystals at Low Temperatures,
by H. V. Vonsovski, 15 pp.

RUSSIAN, bino per, Is Ak Nauk SSSR, Ser Fiz,
Vol. XIX, No 4, 1955, pp 447-461.

Columbia Tech Tr

Sci - Physics
Apr 57 OIS

45, 613

Avail Br 5 Lib

Certain Problems Connected With the Quantum-Mechanical Theory of Ferromagnetism of Ferrites and Antiferromagnetism. Part I. A Critical Survey of Present Theory, by S. V. Vonsovskiy, 8 pp.

Full translation.

RUSSIAN, no per, Iz Ak Nauk SSSR, Ser Fiz, No 3, 1954, pp 312-318. OIA C 37903

Columbia Technical Tr

Scientific - ~~Chem~~ Physics

Jun 55 OTS

23,953

Certain Problems Connected With the Quantum-
Mechanical Theory of Ferromagnetism of Ferrites
and Antiferromagnetism. Part III. The Anti-
ferromagnetism of Transition Metals, by A. A.
Mordyshev, S. V. Vonsovskiy, 13 pp.

Full translation.

RUSSIAN, no per, Iz Ak Nauk SSSR, Ser Fiz, No 3,
1954, pp 328-338. CIA C 22x 37903

Columbia Technical Tr

Scientific - Physics
Jun 55 CTS

23,949

Psychomagnetic Resonance, by A. Y. Voznyakii.
Mosc. Univ. bk. Psychomagnetic Resonance, 1961.
278 pp.
Lit 64-11019

ed/chemistry
May 65

279,462

Compared Inactivation of E Coli B by Organic Peroxide
and UV Radiation With Special Reference to Heat and
~~Excess~~ Photo-Reactivation, by Von ^AWarner Stein, Wolf-
gang Laskowski, 28 pp.

GERMAN, no per, Z Naturforsch, Vol ^AXIb, 1956,
pp 643-653.

AEC Tr 2997

52,449

Sci - Physics; Chemistry
Sep 57